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Chief, Engineering Division, CG

5 January 1954

Chief, Research and Development Branch

Hand Generator Program and Report on RS-6 Adapter Plugs

Hand Generator Report

1. The [] hand generator has just been received by the Engineering Division. A preliminary survey reveals that it is somewhat smaller and lighter than the GN-98. The output of the Generator is reported to be 110 volts at 225 cycles which indicates that the Agent sets must be used with their power supplies. In those cases where hand generator operation alone is required, it appears that no appreciable weight savings will be affected.

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2. The generator also provides for storage battery charging through an adapter supplied with the unit. The planned program for this generator is to test and evaluate it thoroughly at the laboratory on a priority basis. The results of these tests will then be weighed against our present generator program.

3. A recent check on both the Signal Corps generator and the unit being designed by NSA reveals that progress has been slowed somewhat over the holidays. The order for two Signal Corps generators has been placed, and the unit will be delivered sometime within the next two months.

RS-6 Adapter Plugs

4. It has been recently determined that [] had not supplied adapters for converting the RS-6 plug to the present generator cables as originally requested in January of last year. The Operations and Training Division has therefore made requests that Engineering Division procure 1500 units to operate in the following manner:

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- (a) The generator cables should not be modified as originally requested, but should retain their RS-1 type female connector.
- (b) An adapter should be built to permit utilization of this plug with the RS-6.

[] will be contacted and an order will be placed for 1500 units as requested.

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R&D/AJW/ml

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RS-6
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